DIRECT TESTIMONY AND EXHIBITS OF

ANTHONY D. BRISENO

ON BEHALF OF

THE SOUTH CAROLINA OFFICE OF REGULATORY STAFF

DOCKET NO. 2022-1-E

Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND OCCUPATION.

A. My name is Anthony D. Briseno. My business address is 1401 Main Street, Suite 900, Columbia, South Carolina 29201. I am employed by the State of South Carolina as an Audit Manager for the Office of Regulatory Staff ("ORS").

Q. PLEASE STATE YOUR EDUCATIONAL BACKGROUND AND EXPERIENCE.

A. I received my Bachelor of Science in Business Administration in Accounting from Coastal Carolina University in August 2014. I received my Master of Accountancy Degree from Coastal Carolina University in August 2015. I also received a Graduate Certificate for completion of the Fraud Examination Program at Coastal Carolina University in August 2015. I began my employment as an Auditor with ORS in October 2016 and was promoted to Senior Auditor in August of 2019. In August of 2020 I was promoted to my current position as Audit Manager. I have participated in various cases involving the regulation of electric cooperatives, telecommunication companies, electric, natural gas, water and wastewater utilities. Additionally, I have attended utility regulation programs and received training from Michigan State University Institute of Public Utilities, American Public Power Association, and National Regulatory Research Institute.

Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE PUBLIC SERVICE COMMISSION OF SOUTH CAROLINA ("COMMISSION")?

A. Yes. I have previously testified before the Commission on several occasions including in annual fuel proceedings and general rate cases.

Q. WHAT IS THE MISSION OF THE OFFICE OF REGULATORY STAFF?

A. ORS represents the public interest as defined by the South Carolina General Assembly in S. C. Code Ann. § 58-4-10 as:

> [T]he concerns of the using and consuming public with respect to public utility services, regardless of the class of customer, and preservation of continued investment in and maintenance of utility facilities so as to provide reliable and high-quality utility services.

Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY IN THIS PROCEEDING AND HOW DOES YOUR DIRECT TESTIMONY REPRESENT THE PUBLIC INTEREST?

A. The purpose of my direct testimony is to present the results of ORS's examination of the books and records pertaining to Duke Energy Progress, LLC's ("DEP" or the "Company") operations under the Fuel Adjustment Clause ("FAC"). The current fuel examination covered the period of March 2021 through February 2022 ("Actual Period"). For Commission consideration, ORS has included the estimated, unaudited four (4) months from March 2022 through June 2022 ("Estimated Period"). By examining the books and records of the Company's operations under the FAC to ensure they comply with applicable statutes and Commission Orders and verifying that the various FAC related (over)/under-recovery balances are stated accurately, my direct testimony promotes the public interest.

Q. WHAT WAS THE PURPOSE OF ORS'S EXAMINATION?

A. The purpose of ORS's examination was to determine if the Company's accounting practices in computing and applying the monthly FAC complied with S.C. Code Ann. §§ 58-27-865, 58-39-130, 58-39-140, 58-40-20, and prior Commission orders.

Q. WAS THE REVIEW PERFORMED BY YOU OR UNDER YOUR SUPERVISION?

A. Yes. The review to which I testify was performed by me or under my supervision.

Q. WHAT WAS THE SCOPE OF ORS'S EXAMINATION?

A. ORS examined and verified the monthly calculations and the (over)/under-recovery balances recorded in the Company's books and records for base fuel costs, environmental costs, capacity costs, Distributed Energy Resource Program ("DERP") incremental costs, and DERP avoided costs for the Actual Period. ORS verified these monthly calculations and (over)/under-recovery balances to the Company's monthly fuel reports filed under Docket No. 2006-176-E and the Company's testimonies and exhibits filed in this docket. ORS's examination consisted of the following:

1. Analyzing the Fuel Stock Accounts

ORS's analysis of the fuel stock accounts consisted of verifying receipts to and issuances from the fuel management system to the general ledger, examining monthly fuel charges originating in the fuel stock accounts, and ensuring that only proper charges were entered in the Company's computation of fuel costs for purposes of adjusting the base fuel factor.

2. Sampling Receipts to the Fuel Stock Accounts

ORS's review of receipts to the fuel stock accounts consisted of examining and testing transactions in coal, oil and natural gas that support additions to the accounts during

the Actual Period. Each coal and oil transaction sampled was examined and tested for mathematical accuracy and verified to a commodity received report, corresponding waybill or truck bill, supplier invoice, base cost report, freight invoice, and transportation cost report. The sampled coal and oil transactions then were verified to requests for payment details to verify payments of the correct amounts to the vendors. ORS sampled natural gas transactions and examined them for mathematical accuracy and verified them to third party invoices and bank statements to verify payments of the correct amounts to the vendors.

3. Verifying Coal, Oil, and Natural Gas Expenses

ORS verified the amounts of coal, oil and natural gas consumed for electric generation for each month of the Actual Period by reviewing inventory control reports, general ledger accounts, and calculation worksheets. Biogas was included in the cost of natural gas expenses reviewed by ORS. ORS verified biogas calculations for each month in the Actual Period by using the kilowatt-hours ("kWh") attributable to biogas at the generation facility multiplied by the Commission-approved Avoided Fuel-Only rate from Docket No. 1995-1192-E.

4. Verifying Charges to Nuclear Fuel Expenses

ORS verified the amounts of nuclear fuel expenses to the Company's books and records for the Actual Period. In addition, these amounts were verified to the Company's nuclear fuel burned amortization schedules. ORS recalculated the Company's nuclear fuel burned amortization schedules to verify mathematical accuracy.

5. Verifying Purchased Power and Power Sales

ORS verified the Company's purchased and interchange power fuel cost, megawatt-hour ("MWh") purchases, and MWh sales for the Actual Period to the

Company's intersystem purchase and sales transaction reports and monthly invoices, on a sample basis. The purchases sampled also were verified to proof of payment information to ensure payments to vendors were accurate and agreed to the invoices received by the Company. This verification included reviewing intercompany power transactions related to the Joint Dispatch Agreement ("JDA") between the Company and Duke Energy Carolinas, LLC ("DEC").

ORS recomputed the Company's sales and purchases for the Actual Period. The purchased and interchange power amounts for the Actual Period and the resultant (over)/under-recovery monthly deferred fuel amounts for the Actual Period reflect calculations that conform to S.C. Code Ann. § 58-27-865. Subsection (A)(2)(b) of this statute states that the total delivered cost of economy purchases, including, but not limited to, transmission charges, are included in purchased power costs if those purchases are "less than the purchasing utility's avoided variable costs for the generation of an equivalent quantity of electric power." As such, ORS verified that the economic purchases were recorded at, or less than, the Company's applicable avoided costs.

ORS sampled and tested power sales transactions for mathematical accuracy and verified these transactions to the invoices issued by the Company to third parties. ORS sampled various hours of the power sales transactions to verify the accuracy of the generation cost being assigned to the sale within the sampled hour by the Company.

ORS reviewed the Solar Integrations Fees and Miscellaneous Fees collected by the Company that were applied to the FAC as an offsetting cost during the Actual Period.

6. Verifying kWh Sales

ORS verified total system kWh sales to the Company's billed revenue reports and fuel and environmental rate revenue reports for the Actual Period. ORS recalculated and verified the Net Energy Metering ("NEM") solar kWh generation reported on the NEM cost reports. Total system kWh sales, S.C. retail kWh sales, and NEM solar kWh generation were used in the computations of the (over)/under-recovery of base fuel costs, environmental costs, capacity costs, and DERP avoided costs.

7. Recalculating the Fuel Adjustment Factors and Verifying the (Over)/Under-Recovery of Base Fuel Costs

ORS recalculated the fuel costs for the Actual Period utilizing information obtained from the Company's books and records and verified the recalculated costs to the Company's monthly fuel reports. In recalculating the monthly fuel costs, ORS divided adjusted system fuel costs by adjusted system kWh sales to arrive at fuel costs per kWh sold. The fuel costs per kWh sold were then multiplied by the adjusted S.C. retail kWh sales to determine the S.C. retail base fuel costs. The S.C. retail base fuel costs billed to S.C. retail customers were compared to the S.C. retail base fuel costs to compute the deferred fuel entry – (over)/under-recovery for each month of the Actual Period. The (over)/under-recovery for each month in the Actual Period was verified to the Company's monthly fuel reports. ORS also recalculated the Company's calculations for the Estimated Period to ensure accuracy.

8. Recalculating the Environmental Costs and Verifying the (Over)/Under-Recovery of Environmental Costs

South Carolina Code Ann. § 58-27-865(A)(1) provides:

> 'fuel cost' also shall include the following variable environmental costs: (a) the cost of ammonia, lime, limestone, urea, dibasic acid and catalysts

> consumed in reducing or treating emissions, and (b) the cost of emission allowances, as used, including allowance for SO2, NOx, mercury, and particulates.

S.C. Code Ann. § 58-27-865(A)(1) also states that, "[a]ll variable environmental costs included in fuel costs shall be recovered from each class of customers as a separate environmental component of the overall fuel factor."

ORS verified the reagent expenses, emission allowances expensed, emission allowances sold, and environmental costs recovered through power sales for the Actual Period. The primary reagent expenses reviewed for the purpose of this examination include lime/limestone, magnesium hydroxide, calcium carbonate, ammonia, urea, and MerControl 8034 Plus. ORS sampled and verified that reagents purchased during the Actual Period agreed to base cost reports, transportation cost reports, and requests for payment details. These reagents are used to reduce the emissions produced by the Company's power generation facilities during the production of electricity.

The emission allowances reviewed for the purposes of this examination include Sulfur Dioxide ("SO_2") and Nitrogen Oxide ("NO_X") emission allowances. ORS recalculated the SO_2 and NO_X emission allowances expensed for the Actual Period as included in the Company's books and records. Emission allowances sold during the Actual Period were agreed to the transaction agreements, and ORS ensured any gains/net proceeds were used to offset the environmental costs of this component per S.C. Code Ann. § 58-27-865. Subsection (A)(1) of this statute requires that "fuel costs must be reduced by the net proceeds of any sales of emission allowances by the utility."

ORS verified the calculations of environmental costs recovered through off-system sales that reduced environmental costs for each month of the Actual Period, to arrive at the

net environmental costs. ORS then used the S.C. retail kWh sales divided by the total system kWh sales excluding off-system sales to determine the S.C. allocation factor to apply to the net environmental costs. The environmental costs billed to S.C. retail customers were compared to the S.C. portion of environmental costs to compute the (over)/under-recovery for each month of the Actual Period. The (over)/under-recovery for each month in the Actual Period was verified to the Company's monthly fuel reports. ORS also recalculated the Company's calculations for the Estimated Period to ensure accuracy.

9. Recalculating the Capacity Costs and Verifying the (Over)/Under-Recovery of Capacity Costs

Pursuant to S.C. Code Ann. § 58-27-865(A)(1):

> if capacity costs are permitted to be recovered through the fuel factor, such costs shall be allocated and recovered from customers under a separate capacity component of the overall fuel factor based on the same method that is used by the utility to allocate and recover variable environmental costs.

ORS verified the purchased power capacity costs to the Company's monthly fuel reports for the Public Utility Regulatory Policy Act of 1978 ("PURPA") purchases. This verification included the review of schedules detailing the breakdown of capacity costs and energy costs for power purchases in the Actual Period. Natural gas capacity costs were verified to the Company's books and records for each month of the Actual Period.

ORS then used the S.C. retail kWh sales divided by the total system kWh sales excluding off-system sales to determine the S.C. allocation factor to apply to the capacity costs. The capacity costs billed to S.C. retail customers were compared to the S.C. portion of capacity expenses to compute the (over)/under-recovery for each month of the Actual Period. The (over)/under-recovery for each month in the Actual Period was verified to the

Company's monthly fuel reports. ORS also recalculated the Company's calculations for the Estimated Period to ensure accuracy.

10. Recalculating the DERP Incremental Costs and Verifying the (Over)/Under-Recovery of DERP Incremental Costs

South Carolina Code Ann. § 58-27-865(A)(1) states:

> the incremental and avoided costs of distributed energy resource programs and net metering as authorized and approved under Chapters 39 and 40, Title 58 shall be allocated and recovered from customers under a separate distributed energy component of the overall fuel factor that shall be allocated and recovered based on the same method that is used by the utility to allocate and recover variable environmental costs.

ORS verified the DERP incremental costs to the Company's monthly fuel reports for the Actual Period. This included verifying that general ledger transactions were supported by invoices. ORS recalculated the NEM cost reports provided by the Company for each month of the Actual Period. Additionally, ORS recalculated the NEM solar generation kWh sales and the avoided fuel benefits of S.C. NEM. ORS recalculated the solar rebate amortization schedule and the associated carrying costs. ORS also examined the shared solar program and purchase power agreement ("PPA") expenses that occurred within the Actual Period. The DERP incremental costs billed to S.C. retail customers were compared to the DERP incremental costs to compute the (over)/under-recovery for each month of the Actual Period. The (over)/under-recovery for each month in the Actual Period was verified to the Company's monthly fuel reports. ORS also recalculated the Company's calculations for the Estimated Period to ensure accuracy.

11. Recalculating the DERP Avoided Costs and Verifying the (Over)/Under-Recovery of DERP Avoided Costs

ORS verified the DERP avoided costs for PPAs to the Company's monthly fuel reports for PURPA Purchases. The verification of PPA and shared solar program costs

included the review of schedules detailing the calculations for capacity costs and energy costs for the purchases made within the Actual Period. ORS used the S.C. retail kWh sales divided by the total system kWh sales excluding off-system sales to determine the S.C. allocation factor to apply to the DERP avoided costs. The DERP avoided costs billed to S.C. retail customers were compared to the S.C. portion of DERP avoided costs to compute the (over)/under-recovery for each month of the Actual Period. The (over)/under-recovery for each month in the Actual Period was verified to the Company's monthly fuel reports. ORS also recalculated the Company's calculations for the Estimated Period to ensure accuracy.

12. Company Adjustments Made in the Actual and Estimated Periods

ORS reviewed and recalculated any adjustments made by the Company for the Actual Period. ORS recalculated any adjustments made by the Company for the Estimated Period and will fully examine those adjustments when they are included in the Actual Period as part of the Company's next FAC review.

Q. DID YOU PREPARE OR CAUSE TO BE PREPARED ANY EXHIBITS IN CONNECTION WITH YOUR DIRECT TESTIMONY

A. Yes. ORS prepared the following exhibits based upon ORS's review of the Company's books and records:

EXHIBIT ADB-1: TOTAL FUEL RECEIVED AND WEIGHTED AVERAGE FUEL COST. This exhibit details the total cost of coal, oil, and natural gas (includes biogas) delivered to the Company's generation stations for each month during the Actual Period. ORS has also computed the weighted average cost of each type of fuel:

coal ($82.65 per ton), oil ($2.46 per gallon), and natural gas ($5.55 per thousand cubic feet ("MCF")).

EXHIBIT ADB-2: COST OF FUEL BURNED FOR ELECTRIC GENERATION. This exhibit details the per book cost of fuel burned for electric generation for each month of the Actual Period. The cost of burned fuel is broken into four (4) types: coal, oil, natural gas (includes biogas) and nuclear. The burned cost of each type of fuel is shown separately along with its percentage of total burned costs. These costs are used in the computations of base fuel costs.

EXHIBIT ADB-3: COST OF FUEL. This exhibit details ORS's computation of the total fuel cost applicable to the base fuel recovery calculation for the Actual Period, separated into four (4) components along with each component's percentage of total fuel costs. The four (4) components included in this cost are as follows:

1. Cost of Fuel Burned;
2. Fuel Cost of Purchased and Interchange Power;
3. Fuel Cost Recovered from Power Sales; and
4. Miscellaneous Fees Collected.

Cost of Fuel Burned – This amount is the total cost of all coal, oil, natural gas, and nuclear fuel burned, detailed by month for the Actual Period, and used in the base fuel costs component computation. A detailed breakdown of coal, oil, natural gas, and nuclear fuel can be seen in Exhibit ADB-2.

Fuel Cost of Purchased and Interchange Power – This amount is the total fuel cost of MWhs purchased from other electric utilities or power marketers detailed by month for the Actual Period.

Fuel Cost Recovered from Power Sales – This amount is the total fuel cost recovery related to MWhs sold to other electric utilities or power marketers detailed by month for the Actual Period. These costs lower the cost of fuel for each month of the Actual Period.

Miscellaneous Fees Collected – This amount is the total cost of PURPA contract fees, liquidated damages due to missed commercial operation dates, fees for electronic banking changes, and fees for contractual changes of control. Additionally, this amount includes variable fees paid to the Company from solar generating customers detailed by month for the Actual Period.

EXHIBIT ADB-4: DETAILS OF THE COMPUTATION OF THE (OVER)/UNDER-RECOVERY OF BASE FUEL COSTS. This exhibit details the (over)/under-recovery of base fuel cost computations by month for the Actual and Estimated Periods. This exhibit also shows the computations of the actual and estimated cumulative (over)/under-recovery balances of base fuel costs and any adjustments for the Actual Period and Estimated Period.

EXHIBIT ADB-5: TOTAL ENVIRONMENTAL COSTS. This exhibit details the total environmental costs for the Actual Period by month for magnesium hydroxide, calcium carbonate, emission allowances (expensed and sold), ammonia and urea, lime/limestone, and MerControl 8034 Plus. Additionally, the percentage of total costs is shown for each environmental component for each month in the Actual Period.

EXHIBIT ADB-6: DETAILS OF THE COMPUTATION OF THE (OVER)/UNDER-RECOVERY OF ENVIRONMENTAL COSTS. This exhibit details the (over)/under-recovery of environmental cost computations by month for the Actual and Estimated Periods for total environmental costs and off-system sales. This exhibit also

shows the computation of the actual and estimated cumulative (over)/under-recovery balances of environmental costs and any adjustments for the Actual Period and Estimated Period.

EXHIBIT ADB-7: DETAILS OF THE COMPUTATION OF THE (OVER)/UNDER-RECOVERY OF CAPACITY COSTS. This exhibit details the (over)/under-recovery of PURPA purchased power avoided capacity costs and natural gas capacity costs by month for the Actual and Estimated Periods. Pursuant to Act 236, which became effective June 2014, the avoided capacity component of PURPA purchased power costs and the natural gas capacity costs, which are permitted to be recovered through the fuel factor, are now allocated and recovered as a separate component of the overall fuel factor in the same manner as environmental costs. This exhibit also shows the computation of the actual and estimated cumulative (over)/under-recovery balances of capacity costs and any adjustments for the Actual Period and Estimated Period.

EXHIBIT ADB-8: DETAILS OF THE COMPUTATION OF THE (OVER)/UNDER-RECOVERY OF DERP INCREMENTAL COSTS. This exhibit details the (over)/under-recovery of DERP incremental costs by month for the Actual and Estimated Periods. This exhibit also shows the computation of the actual and estimated cumulative (over)/under-recovery balances of DERP incremental costs and any adjustments for the Actual Period and Estimated Period.

EXHIBIT ADB-9: DETAILS OF THE COMPUTATION OF THE (OVER)/UNDER-RECOVERY OF DERP AVOIDED COSTS. This exhibit details the (over)/under-recovery of DERP avoided costs computations by month for the Actual and Estimated Periods. This exhibit also shows the computations of the actual and estimated

cumulative (over)/under-recovery balances of DERP avoided costs and any adjustments for the Actual Period and Estimated Period.

Q. PLEASE EXPLAIN ORS'S COMPUTATION OF THE CUMULATIVE (OVER)/UNDER-RECOVERY OF BASE FUEL COSTS IN EXHIBIT ADB-4.

A. Exhibit ADB-4 provides details of ORS's calculation of the actual cumulative under-recovery balance through February 2022 of $36,766,807, and the estimated cumulative under-recovery balance through June 2022 of $40,666,187. Company witness Harrington's testimony (Harrington Exhibit 2, pages 1 through 3) in this docket reports a cumulative base fuel cost under-recovery balance through February 2022 of $36,766,806 and the estimated cumulative under-recovery balance through June 2022 of $40,666,187. The variance between ORS and the Company's cumulative ending balances for February 2022 is due to rounding.

Q. DID THE COMPANY MAKE ANY ADJUSTMENTS DURING EITHER THE ACTUAL OR ESTIMATED PERIODS FOR THE BASE FUEL COSTS?

A. Yes. Company witness Harrington explains the base fuel cost adjustments in her direct testimony on pages 9-10. These adjustments are reflected in Exhibit ADB-4 as adjustments (A). ORS has reviewed and accepts the adjustments made by the Company for base fuel costs.

Q. PLEASE EXPLAIN ORS'S COMPUTATION OF THE CUMULATIVE (OVER)/UNDER-RECOVERY OF ENVIRONMENTAL COSTS IN EXHIBIT ADB-6.

A. Exhibit ADB-6 provides details of ORS's calculation of the actual cumulative under-recovery balance through February 2022 of $415,184 and the estimated cumulative

under-recovery balance through June 2022 of $437,897. Company witness Harrington's testimony (Harrington Exhibit 4, pages 1 through 6) in this docket reports a cumulative environmental cost under-recovery balance through February 2022 of $415,182 and the estimated cumulative under-recovery balance through June 2022 of $437,894. The variances between ORS and the Company's cumulative ending balances for February 2022 and June 2022 are due to rounding.

Q. DID THE COMPANY MAKE ANY ADJUSTMENTS DURING EITHER THE ACTUAL OR ESTIMATED PERIODS FOR THE ENVIRONMENTAL COSTS?

A. Yes. Company witness Harrington explains the environmental cost adjustment in her direct testimony on page 11. The adjustment is reflected in Exhibit ADB-6 as adjustment (B). ORS has reviewed and accepts the adjustment made by the Company for environmental costs.

Q. PLEASE EXPLAIN ORS'S COMPUTATION OF THE CUMULATIVE (OVER)/UNDER-RECOVERY OF CAPACITY COSTS IN EXHIBIT ADB-7.

A. Exhibit ADB-7 provides details of ORS's calculation of the actual cumulative capacity cost under-recovery balance through February 2022 of $6,053,780 and the estimated cumulative under-recovery balance through June 2022 of $5,044,695. Company witness Harrington's testimony (Harrington Exhibit 7, pages 1 through 6) in this docket reports a cumulative under-recovery balance through February 2022 of $6,053,783 and the estimated cumulative under-recovery balance through June 2022 of $5,044,698. The variances between ORS and the Company's cumulative ending balances for February 2022 and June 2022 are due to rounding.

Q. DID THE COMPANY MAKE ANY ADJUSTMENTS DURING EITHER THE ACTUAL OR ESTIMATED PERIODS FOR THE CAPACITY COSTS?

A. Yes. Company witness Harrington explains the capacity cost adjustment in her direct testimony on page 13. The adjustment is reflected in Exhibit ADB-7 as adjustment (C). ORS has reviewed and accepts the adjustment made by the Company for environmental costs.

Q. PLEASE EXPLAIN ORS'S COMPUTATION OF THE CUMULATIVE (OVER)/UNDER-RECOVERY OF DERP INCREMENTAL COSTS IN EXHIBIT ADB-8.

A. Exhibit ADB-8 provides details of ORS's calculation of the actual cumulative DERP incremental cost under-recovery balance through February 2022 of $422,464 and the estimated cumulative under-recovery balance through June 2022 of $439,473. Company witness Harrington's testimony (Harrington Exhibit 9, pages 1 through 2) in this docket reports a cumulative under-recovery balance through February 2022 of $422,461 and the estimated cumulative under-recovery balance through June 2022 of $439,473. The variance between ORS and the Company's cumulative ending balances for February 2022 is due to rounding.

Q. DID THE COMPANY MAKE ANY ADJUSTMENTS DURING EITHER THE ACTUAL OR ESTIMATED PERIODS FOR THE DERP INCREMENTAL COSTS?

A. Yes. Company witness Harrington explained an adjustment for DERP incremental costs in her direct testimony on page 16. This adjustment is reflected in Exhibit ADB-8 as

adjustment (D). ORS has reviewed and accepts the adjustment made by the Company for DERP incremental costs.

Q. PLEASE EXPLAIN ORS'S COMPUTATION OF THE CUMULATIVE (OVER)/UNDER-RECOVERY OF DERP AVOIDED COSTS IN EXHIBIT ADB-9.

A. Exhibit ADB-9 provides details of ORS's calculation of the actual cumulative DERP avoided cost over-recovery balance through February 2022 of $59,164 and the estimated cumulative over-recovery balance through June 2022 of $53,867. Company witness Harrington's testimony (Harrington Exhibit 13, pages 1 through 6) in this docket reports a cumulative over-recovery balance through February 2022 of $59,165 and the estimated cumulative over-recovery balance through June 2022 of $53,868. The variances between ORS and the Company's cumulative ending balances for February 2022 and June 2022 are due to rounding.

Q. DID THE COMPANY MAKE ANY ADJUSTMENTS DURING EITHER THE ACTUAL OR ESTIMATED PERIODS FOR THE DERP AVOIDED COSTS?

A. Yes. Company witness Harrington explained an adjustment for DERP avoided costs in her direct testimony on page 19. This adjustment is reflected in Exhibit ADB-9 as adjustment (E). ORS has reviewed and accepts the adjustment made by the Company for DERP avoided costs.

Q. WHAT IS THE RESULT OF ORS'S EXAMINATION?

A. Based on ORS's examination of the Company's books and records, and the Company's operations under the fuel cost recovery mechanism, it is ORS's opinion that, subject to the Company's Adjustments, the Company's accounting practices are in

compliance with S.C. Code Ann. §§ 58-27-865, 58-39-130, 58-39-140, 58-40-20, and prior Commission orders.

Based on ORS's examination, ORS agrees with the following cumulative (over)/under-recovery balances as calculated in Company witness Harrington's Exhibits in this docket:

- February 2022 base fuel cost under-recovery balance of $36,766,806;
- February 2022 environmental cost component under-recovery of $415,182;
- February 2022 capacity cost component under-recovery balance of $6,053,783;
- February 2022 DERP incremental under-recovery balance of $422,461;
- February 2022 DERP avoided cost over-recovery balance of $59,165;
- June 2022 estimated base fuel cost under-recovery balance of $40,666,187;
- June 2022 estimated environmental cost component under-recovery balance of $437,894;
- June 2022 estimated capacity cost component under-recovery balance of $5,044,698;
- June 2022 estimated DERP incremental cost under-recovery balance of $439,473; and,
- June 2022 estimated DERP avoided cost over-recovery balance of $53,868.

Q. WILL YOU UPDATE YOUR DIRECT TESTIMONY BASED ON INFORMATION THAT BECOMES AVAILABLE?

A. Yes. ORS fully reserves the right to revise its recommendations via supplemental testimony should new information not previously provided by the Company, or other sources, becomes available.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

A. Yes, it does.

Exhibit ADB-1

Office of Regulatory Staff
Total Fuel Received and Weighted Average Fuel Cost
Duke Energy Progress, LLC
For Year Ending February 2022
Docket No. 2022-1-E

Month	Coal		Oil		Natural Gas		Total Received Cost
	Tons	$	Gal	$	MCF	$	$
Mar-21	270,768	17,594,737	709,733	1,693,154	11,310,504	48,878,841	**68,166,732**
Apr-21	196,082	22,716,908	119,817	230,842	9,500,844	39,896,674	**62,844,424**
May-21	98,095	6,931,508	366,399	690,542	10,067,584	42,432,525	**50,054,575**
Jun-21	147,937	9,882,662	510,547	1,036,374	13,935,191	56,279,208	**67,198,244**
Jul-21	194,252	15,587,104	356,828	825,374	16,405,761	70,550,111	**86,962,589**
Aug-21	242,530	19,934,083	148,372	320,930	16,300,125	74,338,714	**94,593,727**
Sep-21	255,896	21,195,966	200,638	453,969	12,617,897	55,153,023	**76,802,958**
Oct-21	208,524	18,194,378	119,144	299,363	12,027,261	63,320,214	**81,813,955**
Nov-21	284,621	23,623,400	1,869,001	4,784,116	14,455,745	95,271,790	**123,679,306**
Dec-21	256,884	22,780,126	209,843	523,793	14,678,715	104,434,246	**127,738,165**
Jan-22	219,475	18,574,095	1,974,770	5,311,597	17,375,816	148,406,781	**172,292,473**
Feb-22	252,644	20,160,005	205,679	535,317	15,610,502	112,079,578	**132,774,900**
Total	**2,627,708**	**$ 217,174,972**	**6,790,771**	**$ 16,705,371**	**164,285,945**	**$ 911,041,705**	**$ 1,144,922,048**
Weighted Average Cost		**$ 82.65**		**$ 2.46**		**$ 5.55**	

Exhibit ADB-2

Office of Regulatory Staff
Cost of Fuel Burned for Electric Generation
Duke Energy Progress, LLC
For Year Ending February 2022
Docket No. 2022-1-E

Month	Coal		Oil		Natural Gas		Nuclear		Total Burned Cost
Mar-21	$ 11,337,777	18.82%	$ 575,721	0.96%	$ 35,816,623	59.48%	$ 12,487,630	20.74%	$ 60,217,751
Apr-21	$ 3,886,020	8.84%	$ 156,496	0.36%	$ 26,659,680	60.65%	$ 13,252,642	30.15%	$ 43,954,838
May-21	$ 21,176,873	33.30%	$ 984,656	1.55%	$ 29,299,115	46.07%	$ 12,131,722	19.08%	$ 63,592,366
Jun-21	$ 34,211,182	36.61%	$ 1,041,545	1.11%	$ 43,236,342	46.28%	$ 14,951,104	16.00%	$ 93,440,173
Jul-21	$ 37,914,879	33.49%	$ 831,815	0.73%	$ 58,412,019	51.59%	$ 16,066,386	14.19%	$ 113,225,099
Aug-21	$ 35,950,969	30.59%	$ 3,397,548	2.89%	$ 62,148,000	52.88%	$ 16,027,295	13.64%	$ 117,523,812
Sep-21	$ 14,249,659	19.34%	$ 765,768	1.04%	$ 43,152,014	58.58%	$ 15,497,718	21.04%	$ 73,665,159
Oct-21	$ 6,520,029	8.59%	$ 3,605,722	4.75%	$ 51,186,239	67.42%	$ 14,608,188	19.24%	$ 75,920,178
Nov-21	$ 2,141,312	2.09%	$ 1,612,159	1.57%	$ 83,443,906	81.41%	$ 15,302,253	14.93%	$ 102,499,630
Dec-21	$ 5,998,335	5.24%	$ 528,623	0.46%	$ 92,015,782	80.46%	$ 15,823,340	13.84%	$ 114,366,080
Jan-22	$ 35,839,214	18.60%	$ 6,264,981	3.25%	$ 135,089,807	70.09%	$ 15,532,488	8.06%	$ 192,726,490
Feb-22	$ 17,769,210	13.49%	$ 570,028	0.43%	$ 99,793,288	75.76%	$ 13,585,255	10.32%	$ 131,717,781
Total	$226,995,459	19.19%	$ 20,335,062	1.72%	$ 760,252,815	64.27%	$175,266,021	14.82%	$ 1,182,849,357

Exhibit ADB-3

Office of Regulatory Staff
Cost of Fuel
Duke Energy Progress, LLC
For Year Ending February 2022
Docket No. 2022-1-E

Month	Cost of Fuel Burned		Fuel Cost of Purchased and Interchange Power		Fuel Cost Recovered from Power Sales		Miscellaneous Fees Collected		Total Fuel Costs
Mar-21	$ 60,217,751	73.00%	$ 28,730,840	34.83%	$ (6,456,944)	-7.83%	$ (10)	0.00%	$ 82,491,637
Apr-21	$ 43,954,838	57.60%	$ 38,754,579	50.78%	$ (6,385,733)	-8.37%	$ (10,035)	-0.01%	$ 76,313,649
May-21	$ 63,592,366	59.96%	$ 48,510,502	45.74%	$ (6,052,742)	-5.71%	$ 23	0.00%	$ 106,050,149
Jun-21	$ 93,440,173	84.63%	$ 35,515,729	32.17%	$ (18,546,792)	-16.80%	$ (1,841)	0.00%	$ 110,407,269
Jul-21	$ 113,225,099	85.21%	$ 44,259,020	33.31%	$ (24,603,608)	-18.52%	$ (50)	0.00%	$ 132,880,461
Aug-21	$ 117,523,812	80.47%	$ 49,377,136	33.81%	$ (20,850,409)	-14.28%	$ 35	0.00%	$ 146,050,574
Sep-21	$ 73,665,159	78.45%	$ 39,340,855	41.89%	$ (19,101,077)	-20.34%	$ (36)	0.00%	$ 93,904,901
Oct-21	$ 75,920,178	83.80%	$ 41,568,228	45.88%	$ (26,899,480)	-29.69%	$ 6,048	0.01%	$ 90,594,974
Nov-21	$ 102,499,630	89.50%	$ 35,346,504	30.86%	$ (23,292,111)	-20.34%	$ (32,124)	-0.03%	$ 114,521,899
Dec-21	$ 114,366,080	91.95%	$ 33,707,003	27.10%	$ (23,675,967)	-19.04%	$ (20,568)	-0.02%	$ 124,376,548
Jan-22	$ 192,726,490	89.72%	$ 52,216,312	24.31%	$ (30,126,101)	-14.02%	$ (62)	0.00%	$ 214,816,639
Feb-22	$ 131,717,781	103.26%	$ 32,821,417	25.73%	$ (36,974,229)	-28.98%	$ (303)	0.00%	$ 127,564,666
Total	$ 1,182,849,357	83.30%	$ 480,148,125	33.81%	$ (242,965,193)	-17.11%	$ (58,923)	0.00%	$ 1,419,973,366

Office of Regulatory Staff
Details of the Computation of the (Over)/Under-Recovery of Base Fuel Costs
Duke Energy Progress, LLC
March 2021 - June 2022
Docket No. 2022-1-E

		Actual							
		March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	September 2021	October 2021
Total Fuel Costs		$ 82,491,637	$ 76,313,649	$ 106,050,149	$ 110,407,269	$ 132,880,461	$ 146,050,574	$ 93,904,901	$ 90,594,974
Add: Avoided Fuel Benefit of SC NEM		$ 58,297	$ 58,547	$ 60,529	$ 64,507	$ 63,800	$ 65,127	$ 66,494	$ 68,077
Adjusted System Fuel Costs		$ 82,549,934	$ 76,372,196	$ 106,110,678	$ 110,471,776	$ 132,944,261	$ 146,115,701	$ 93,971,395	$ 90,663,051
Total System kWh Sales		4,799,386,806	4,360,547,537	4,282,097,186	5,026,764,210	5,996,563,815	6,124,876,145	5,647,527,373	4,572,964,372
Add: NEM Solar Generation kWh		2,576,658	2,587,832	2,675,401	2,851,214	2,824,934	2,889,187	2,949,843	3,020,045
Adjusted System kWh Sales		4,801,963,464	4,363,135,369	4,284,772,587	5,029,615,424	5,999,388,749	6,127,765,332	5,650,477,216	4,575,984,417
Fuel Costs per kWh Sales		$ 0.017191	$ 0.017504	$ 0.024765	$ 0.021964	$ 0.022160	$ 0.023845	$ 0.016631	$ 0.019813
S.C. Retail kWh Sales		495,854,642	461,837,497	425,754,794	497,529,476	554,232,328	621,597,614	531,935,758	469,037,784
Add: NEM Solar Generation kWh		2,576,658	2,587,832	2,675,401	2,851,214	2,824,934	2,889,187	2,949,843	3,020,045
Adjusted S.C. Retail kWh Sales		498,431,300	464,425,329	428,430,195	500,380,690	557,057,262	624,486,801	534,885,601	472,057,829
S.C. Base Fuel Costs		$ 8,568,468	$ 8,129,287	$ 10,609,902	$ 10,990,491	$ 12,344,185	$ 14,890,800	$ 8,895,522	$ 9,352,786
Less: Avoided Fuel Benefit of S.C. NEM		$ (58,297)	$ (58,547)	$ (60,529)	$ (64,507)	$ (63,800)	$ (65,127)	$ (66,494)	$ (68,077)
Adjusted S.C. Base Fuel Costs		$ 8,510,171	$ 8,070,740	$ 10,549,373	$ 10,925,984	$ 12,280,385	$ 14,825,673	$ 8,829,028	$ 9,284,709
S.C. Retail Fuel Costs Collected		$ 9,358,899	$ 8,715,487	$ 8,033,894	$ 9,388,541	$ 10,428,673	$ 11,648,134	$ 9,967,428	$ 8,788,583
Less: Fuel Benefits in DERP NEM Incentive		$ 3,975	$ 6,175	$ 5,476	$ 6,272	$ 2,386	$ 2,529	$ (1,553)	$ (1,646)
Adjusted S.C. Retail Costs Collected		$ 9,362,874	$ 8,721,662	$ 8,039,370	$ 9,394,813	$ 10,431,059	$ 11,650,663	$ 9,965,875	$ 8,786,937
Current Month (Over)/Under Recovery Amount		$ (852,703)	$ (650,922)	$ 2,510,003	$ 1,531,171	$ 1,849,326	$ 3,175,010	$ (1,136,847)	$ 497,772
Cumulative (Over)/Under-Recovery-Prior Month Amount		$ 10,892,003	$ 10,684,199	$ 10,033,277	$ 12,543,280	$ 14,049,422	$ 15,898,748	$ 19,073,758	$ 17,936,911
Company Accounting Adjustments	(A)	$ 644,899	$ -	$ -	$ (25,029)	$ -	$ -	$ -	$ -
ORS Accounting Adjustments		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Cumulative (Over)/Under-Recovery		$ 10,684,199	$ 10,033,277	$ 12,543,280	$ 14,049,422	$ 15,898,748	$ 19,073,758	$ 17,936,911	$ 18,434,683

Office of Regulatory Staff
Details of the Computation of the (Over)/Under-Recovery of Base Fuel Costs
Duke Energy Progress, LLC
March 2021 - June 2022
Docket No. 2022-1-E

		Actual				Estimated			
		November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022
Total Fuel Costs		$ 114,521,899	$ 124,376,548	$ 214,816,639	$ 127,564,666	$ 89,298,973	$ 87,135,207	$ 99,098,881	$ 121,035,419
Add: Avoided Fuel Benefit of SC NEM		$ 65,102	$ 65,163	$ 65,163	$ 65,163	$ 64,066	$ 64,046	$ 64,026	$ 64,006
Adjusted System Fuel Costs		$ 114,587,001	$ 124,441,711	$ 214,881,802	$ 127,629,829	$ 89,363,039	$ 87,199,253	$ 99,162,907	$ 121,099,425
Total System kWh Sales		3,404,937,874	4,523,690,821	5,647,761,932	6,054,697,632	4,866,232,092	4,507,732,092	4,440,343,373	5,234,481,364
Add: NEM Solar Generation kWh		2,888,050	2,890,724	2,890,724	2,890,724	2,842,041	2,841,133	2,840,254	2,839,346
Adjusted System kWh Sales		3,407,825,924	4,526,581,545	5,650,652,656	6,057,588,356	4,869,074,133	4,510,573,225	4,443,183,627	5,237,320,710
Fuel Costs per kWh Sales		$ 0.033625	$ 0.027491	$ 0.038028	$ 0.021069	$ 0.018353	$ 0.019332	$ 0.022318	$ 0.023122
S.C. Retail kWh Sales		268,622,711	411,243,624	471,119,341	665,160,529	494,578,926	480,916,724	453,767,614	504,837,574
Add: NEM Solar Generation kWh		2,888,050	2,890,724	2,890,724	2,890,724	2,842,041	2,841,133	2,840,254	2,839,346
Adjusted S.C. Retail kWh Sales		271,510,761	414,134,348	474,010,065	668,051,253	497,420,967	483,757,857	456,607,868	507,676,920
S.C. Base Fuel Costs		$ 9,129,458	$ 11,385,101	$ 18,025,553	$ 14,075,448	$ 9,129,261	$ 9,352,098	$ 10,190,568	$ 11,738,709
Less: Avoided Fuel Benefit of S.C. NEM		$ (65,102)	$ (65,163)	$ (65,163)	$ (65,163)	$ (64,066)	$ (64,046)	$ (64,026)	$ (64,006)
Adjusted S.C. Base Fuel Costs		$ 9,064,356	$ 11,319,938	$ 17,960,390	$ 14,010,285	$ 9,065,195	$ 9,288,052	$ 10,126,542	$ 11,674,703
S.C. Retail Fuel Costs Collected		$ 5,033,834	$ 7,707,827	$ 8,829,556	$ 12,466,410	$ 9,268,409	$ 9,012,379	$ 8,503,605	$ 9,460,656
Less: Fuel Benefits in DERP NEM Incentive		$ (2,081)	$ (2,076)	$ (2,076)	$ (2,077)	$ 2,518	$ 2,516	$ 2,515	$ 2,514
Adjusted S.C. Retail Costs Collected		$ 5,031,753	$ 7,705,751	$ 8,827,480	$ 12,464,333	$ 9,270,927	$ 9,014,895	$ 8,506,120	$ 9,463,170
Current Month (Over)/Under Recovery Amount		$ 4,032,603	$ 3,614,187	$ 9,132,910	$ 1,545,952	$ (205,732)	$ 273,157	$ 1,620,422	$ 2,211,533
Cumulative (Over)/Under-Recovery-Prior Month Amount		$ 18,434,683	$ 22,467,286	$ 26,081,473	$ 35,214,383	$ 36,766,807	$ 36,561,075	$ 36,834,232	$ 38,454,654
Company Accounting Adjustments	(A)	$ -	$ -	$ -	$ 6,472		$ -	$ -	$ -
ORS Accounting Adjustments		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Cumulative (Over)/Under-Recovery		$ 22,467,286	$ 26,081,473	$ 35,214,383	$ 36,766,807	$ 36,561,075	$ 36,834,232	$ 38,454,654	$ 40,666,187

	February 2022	June 2022
Cumulative (Over)/Under-Recovery of the Base Fuel Costs (Exhibit ADB-4)	$ 36,766,807	$ 40,666,187
Cumulative (Over)/Under-Recovery of Environmental Costs (Exhibit ADB-6)	$ 415,184	$ 437,897
Cumulative (Over)/Under-Recovery of Capacity Costs (Exhibit ADB-7)	$ 6,053,780	$ 5,044,695
Cumulative (Over)/Under-Recovery of DERP Incremental Costs (Exhibit ADB-8)	$ 422,464	$ 439,473
Cumulative (Over)/Under-Recovery of DERP Avoided Costs (Exhibit ADB-9)	$ (59,164)	$ (53,867)
Net Cumulative (Over)/Under-Recovery Balance	$ 43,599,071	$ 46,534,385

Exhibit ADB-5

Office of Regulatory Staff
Total Environmental Costs
Duke Energy Progress, LLC
For Year Ending February 2022
Docket No. 2022-1-E

Month	Magnesium Hydroxide		Calcium Carbonate		Emission Allowances		Ammonia and Urea		Lime/Limestone		MerControl 8034 Plus		Total Environmental Costs
Mar-21	$ 118,757	20.06%	$ 20,328	3.43%	$ 2,380	0.40%	$ 95,223	16.08%	$ 355,394	60.03%	$ -	0.00%	$ 592,082
Apr-21	$ 37,292	16.31%	$ 4,272	1.87%	$ 322	0.14%	$ 26,517	11.60%	$ 160,249	70.08%	$ -	0.00%	$ 228,652
May-21	$ 211,103	16.93%	$ 83,912	6.73%	$ 133	0.01%	$ 183,513	14.72%	$ 768,161	61.61%	$ -	0.00%	$ 1,246,822
Jun-21	$ 375,184	15.48%	$ 98,105	4.05%	$ 1,524	0.06%	$ 347,942	14.36%	$ 1,600,709	66.05%	$ -	0.00%	$ 2,423,464
Jul-21	$ 427,533	13.68%	$ 129,484	4.14%	$ 2,287	0.07%	$ 453,683	14.52%	$ 2,042,724	65.38%	$ 69,146	2.21%	$ 3,124,857
Aug-21	$ 488,924	18.65%	$ 149,519	5.70%	$ 2,919	0.11%	$ 433,168	16.53%	$ 1,546,553	59.01%	$ -	0.00%	$ 2,621,083
Sep-21	$ 97,126	9.37%	$ 39,653	3.83%	$ 2,782	0.27%	$ 289,797	27.96%	$ 606,984	58.57%	$ -	0.00%	$ 1,036,342
Oct-21	$ 93,667	18.00%	$ 13,997	2.69%	$ 2,782	0.53%	$ 119,590	22.98%	$ 290,412	55.80%	$ -	0.00%	$ 520,448
Nov-21	$ -	0.00%	$ 1,959	2.28%	$ 647	0.75%	$ 23,627	27.48%	$ 59,743	69.49%	$ -	0.00%	$ 85,976
Dec-21	$ 58,853	14.19%	$ 9,801	2.36%	$ -	0.00%	$ 110,731	26.70%	$ 235,399	56.75%	$ -	0.00%	$ 414,784
Jan-22	$ 267,902	11.91%	$ 71,712	3.19%	$ 494	0.02%	$ 552,358	24.57%	$ 1,355,979	60.31%	$ -	0.00%	$ 2,248,445
Feb-22	$ 101,753	8.94%	$ 16,189	1.42%	$ -	0.00%	$ 395,000	34.71%	$ 625,343	54.93%	$ -	0.00%	$ 1,138,285
Totals	$ 2,278,094	14.53%	$ 638,931	4.08%	$ 16,270	0.10%	$ 3,031,149	19.33%	$ 9,647,650	61.52%	$ 69,146	0.44%	$ 15,681,240

Exhibit ADB-6

Office of Regulatory Staff
Details of the Computation of the (Over)/Under-Recovery of Environmental Costs
Duke Energy Progress, LLC
March 2021 - June 2022
Docket No. 2022-1-E

		Actual							
		March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	September 2021	October 2021
Total Enviromental Costs		$ 592,082	$ 228,652	$ 1,246,822	$ 2,423,464	$ 3,124,857	$ 2,621,083	$ 1,036,342	$ 520,448
Off-System Sales		$ (28,753)	$ (24,612)	$ (66,640)	$ (187,779)	$ (271,046)	$ (228,024)	$ (92,327)	$ (61,252)
Net Environmental Costs		$ 563,329	$ 204,040	$ 1,180,182	$ 2,235,685	$ 2,853,811	$ 2,393,059	$ 944,015	$ 459,196
S.C. Retail kWh Sales		495,854,642	461,837,497	425,754,794	497,529,476	554,232,328	621,597,614	531,935,758	469,037,784
Total System kWh Sales Excluding Off-System Sales		4,799,386,806	4,360,547,537	4,282,097,186	5,026,764,210	5,996,563,815	6,124,876,145	5,647,527,373	4,572,964,372
S.C Allocation Factor		10.33%	10.59%	9.94%	9.90%	9.24%	10.15%	9.42%	10.26%
S.C. Retail Basis of Total Environmental Costs		$ 58,201	$ 21,610	$ 117,342	$ 221,279	$ 263,763	$ 242,865	$ 88,916	$ 47,099
Amounts Billed to Retail Customers		$ 80,250	$ 68,502	$ 64,055	$ 73,037	$ 62,279	$ 41,344	$ 40,089	$ 35,276
Current Month (Over)/Under-Recovery		$ (22,049)	$ (46,892)	$ 53,287	$ 148,242	$ 201,484	$ 201,521	$ 48,827	$ 11,823
Cumulative (Over)/Under-Recovery-Prior Month		$ (348,874)	$ (370,923)	$ (417,815)	$ (364,528)	$ (216,532)	$ (15,048)	$ 186,473	$ 235,300
Company Accounting Adjustments	(B)	$ -	$ -	$ -	$ (246)	$ -	$ -	$ -	$ -
ORS Accounting Adjustments		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Cumulative (Over)/Under-Recovery		$ (370,923)	$ (417,815)	$ (364,528)	$ (216,532)	$ (15,048)	$ 186,473	$ 235,300	$ 247,123

	Actual				Estimated			
	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022
Total Enviromental Costs	$ 85,976	$ 414,784	$ 2,248,445	$ 1,138,285	$ 445,886	$ 657,431	$ 133,566	$ 557,653
Off-System Sales	$ (27,004)	$ (77,855)	$ (230,308)	$ (189,245)	$ (5,531)	$ (23,159)	$ (8,003)	$ (11,902)
Net Environmental Costs	$ 58,972	$ 336,929	$ 2,018,137	$ 949,040	$ 440,355	$ 634,272	$ 125,563	$ 545,751
S.C. Retail kWh Sales	268,622,711	411,243,624	471,119,341	665,160,529	494,578,926	480,916,724	453,767,614	504,837,574
Total System kWh Sales Excluding Off-System Sales	3,404,937,874	4,523,690,821	5,647,761,932	6,054,697,632	4,866,232,092	4,507,732,092	4,440,343,373	5,234,481,364
S.C Allocation Factor	7.89%	9.09%	8.34%	10.99%	10.16%	10.67%	10.22%	9.64%
S.C. Retail Basis of Total Environmental Costs	$ 4,652	$ 30,630	$ 168,347	$ 104,260	$ 44,755	$ 67,669	$ 12,832	$ 52,635
Amounts Billed to Retail Customers	$ 20,919	$ 32,325	$ 36,965	$ 49,619	$ 38,470	$ 37,425	$ 38,004	$ 41,279
Current Month (Over)/Under-Recovery Amount	$ (16,267)	$ (1,695)	$ 131,382	$ 54,641	$ 6,285	$ 30,244	$ (25,172)	$ 11,356
Cumulative (Over)/Under-Recovery-Prior Month	$ 247,123	$ 230,856	$ 229,161	$ 360,543	$ 415,184	$ 421,469	$ 451,713	$ 426,541
Company Accounting Adjustments	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
ORS Accounting Adjustments	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Cumulative (Over)/Under-Recovery	$ 230,856	$ 229,161	$ 360,543	$ 415,184	$ 421,469	$ 451,713	$ 426,541	$ 437,897

Exhibit ADB-7

Office of Regulatory Staff
Details of the Computation of the (Over)/Under-Recovery of Capacity Costs
Duke Energy Progress, LLC
March 2021 - June 2022
Docket No. 2022-1-E

		Actual							
		March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	September 2021	October 2021
PURPA Purchased Power Capacity Costs		$ 4,073,058	$ 6,068,568	$ 7,701,937	$ 5,684,381	$ 16,289,389	$ 10,577,582	$ 11,311,110	$ 8,872,563
Natural Gas Capacity Costs		$ 12,796,278	$ 12,951,054	$ 12,873,719	$ 12,774,596	$ 12,006,123	$ 12,132,261	$ 11,890,780	$ 11,917,806
Total Costs for the current month		$ 16,869,336	$ 19,019,622	$ 20,575,656	$ 18,458,977	$ 28,295,512	$ 22,709,843	$ 23,201,890	$ 20,790,369
S.C. Retail kWh Sales		495,854,642	461,837,497	425,754,794	497,529,476	554,232,328	621,597,614	531,935,758	469,037,784
Total System kWh Sales Excluding Off-System Sales		4,799,386,806	4,360,547,537	4,282,097,186	5,026,764,210	5,996,563,815	6,124,876,145	5,647,527,373	4,572,964,372
S.C. Allocation Factor		10.33%	10.59%	9.94%	9.90%	9.24%	10.15%	9.42%	10.26%
S.C. Share of Capacity Costs		$ 1,742,876	$ 2,014,420	$ 2,045,770	$ 1,826,998	$ 2,615,213	$ 2,304,763	$ 2,185,365	$ 2,132,418
Amount Billed to Retail Customers		$ 1,744,818	$ 1,472,104	$ 1,361,646	$ 1,584,494	$ 1,911,288	$ 2,149,579	$ 2,087,853	$ 1,745,799
Current Month (Over)/Under-Recovery		$ (1,942)	$ 542,316	$ 684,124	$ 242,504	$ 703,925	$ 155,184	$ 97,512	$ 386,619
Cumulative (Over)/Under-Recovery - Prior Month		$ 5,044,753	$ 5,042,811	$ 5,585,127	$ 6,269,251	$ 6,506,913	$ 7,210,838	$ 7,366,022	$ 7,463,534
Company Accounting Adjustments	(C)	$ -	$ -	$ -	$ (4,842)	$ -	$ -	$ -	$ -
ORS Accounting Adjustments		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Cumulative (Over)/Under-Recovery		$ 5,042,811	$ 5,585,127	$ 6,269,251	$ 6,506,913	$ 7,210,838	$ 7,366,022	$ 7,463,534	$ 7,850,153

	Actual				Estimated			
	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022
PURPA Purchased Power Capacity Costs	$ (453,596)	$ 4,635,284	$ 3,400,673	$ 4,970,340	$ 5,667,190	$ 6,366,688	$ 6,763,634	$ 6,694,813
Natural Gas Capacity Costs	$ 11,714,264	$ 12,257,443	$ 13,238,909	$ 12,137,351	$ 11,036,048	$ 9,628,603	$ 9,735,956	$ 10,098,012
Total Costs for the current month	$ 11,260,668	$ 16,892,727	$ 16,639,582	$ 17,107,691	$ 16,703,238	$ 15,995,291	$ 16,499,590	$ 16,792,825
S.C. Retail kWh Sales	268,622,711	411,243,624	471,119,341	665,160,529	494,578,926	480,916,724	453,767,614	504,837,574
Total System kWh Sales Excluding Off-System Sales	3,404,937,874	4,523,690,821	5,647,761,932	6,054,697,632	4,866,232,092	4,507,732,092	4,440,343,373	5,234,481,364
S.C. Allocation Factor	7.89%	9.09%	8.34%	10.99%	10.16%	10.67%	10.22%	9.64%
S.C. Share of Capacity Costs	$ 888,378	$ 1,535,699	$ 1,388,024	$ 1,879,427	$ 1,697,632	$ 1,706,491	$ 1,686,126	$ 1,619,577
Amount Billed to Retail Customers	$ 1,159,283	$ 1,768,395	$ 1,999,215	$ 2,561,008	$ 1,959,978	$ 1,889,994	$ 1,817,032	$ 2,051,907
Current Month (Over)/Under-Recovery	$ (270,905)	$ (232,696)	$ (611,191)	$ (681,581)	$ (262,346)	$ (183,503)	$ (130,906)	$ (432,330)
Cumulative (Over)/Under-Recovery - Prior Month	$ 7,850,153	$ 7,579,248	$ 7,346,552	$ 6,735,361	$ 6,053,780	$ 5,791,434	$ 5,607,931	$ 5,477,025
Company Accounting Adjustments	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
ORS Accounting Adjustments	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Cumulative (Over)/Under-Recovery	$ 7,579,248	$ 7,346,552	$ 6,735,361	$ 6,053,780	$ 5,791,434	$ 5,607,931	$ 5,477,025	$ 5,044,695

Exhibit ADB-8

Office of Regulatory Staff
Details of the Computation of the (Over)/Under-Recovery of Distributed Energy Resource Program Incremental Costs
Duke Energy Progress, LLC
March 2021 - June 2022
Docket No. 2022-1-E

	Actual											
	March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	September 2021	October 2021				
Purchased Power Agreements	$ 1,708	$ 2,330	$ 1,311	$ 127	$ 22,125	$ 9,247	$ 11,482	$ 5,970				
NEM* Incentive	$ 166,793	$ 178,075	$ 179,328	$ 194,116	$ 190,153	$ 189,743	$ 190,440	$ 194,867				
Solar Rebate Program	$ 50,290	$ 50,415	$ 51,401	$ 51,401	$ 51,412	$ 51,499	$ 51,614	$ 51,614				
Carrying Costs on Deferred Amounts	$ 39,393	$ 39,208	$ 39,469	$ 39,665	$ 39,400	$ 39,176	$ 39,000	$ 38,783				
Shared Solar Program	$ 776	$ 2,906	$ 6,553	$ 7,344	$ 14,573	$ 8,703	$ 10,263	$ 8,963				
NEM Avoided Capacity	$ 405	$ 407	$ 421	$ 449	$ 458	$ 505	$ 545	$ 558				
NEM Meter Costs	$ 10,161	$ 11,493	$ 11,308	$ 11,935	$ 11,896	$ 11,935	$ 12,037	$ 12,183				
General and Administrative Expenses	$ 19,872	$ 17,178	$ 14,505	$ 13,284	$ 12,471	$ 15,905	$ 17,410	$ 9,218				
Interest on under-collection due to cap	$ 27	$ 31	$ 31	$ 37	$ 58	$ 43	$ 50	$ 46				
Total Incremental Costs	$ 289,425	$ 302,043	$ 304,327	$ 318,358	$ 342,546	$ 326,756	$ 332,841	$ 322,202				
Amounts Billed to Retail Customers	$ 298,256	$ 286,942	$ 286,715	$ 288,035	$ 285,049	$ 281,768	$ 281,895	$ 282,280				
Current Month (Over)/Under Recovery	$ (8,831)	$ 15,101	$ 17,612	$ 30,323	$ 57,497	$ 44,988	$ 50,946	$ 39,922				
Cumulative (Over)/Under Recovery-Prior Month	$ 173,595	$ 164,764	$ 179,865	$ 197,477	$ 227,800	$ 285,297	$ 330,285	$ 381,231				
Company Accounting Adjustments	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -				
ORS Accounting Adjustments	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -				
Cumulative (Over)/Under Recovery	$ 164,764	$ 179,865	$ 197,477	$ 227,800	$ 285,297	$ 330,285	$ 381,231	$ 421,153				

	Actual				Estimated			
	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022
Purchased Power Agreements	$ (6,506)	$ 2,469	$ 957	$ 1,246	$ 3,500	$ 4,557	$ 5,130	$ 4,991
NEM* Incentive	$ 183,498	$ 183,715	$ 183,715	$ 183,715	$ 175,071	$ 175,018	$ 174,967	$ 174,915
Solar Rebate Program	$ 51,565	$ 51,630	$ 51,630	$ 51,334	$ 51,630	$ 51,630	$ 51,630	$ 51,630
Carrying Costs on Deferred Amounts	$ 38,821	$ 38,578	$ 38,336	$ 38,165	$ 37,787	$ 37,512	$ 37,238	$ 36,964
Shared Solar Program	$ (7,218)	$ (4,179)	$ (301)	$ (184)	$ 3,215	$ 4,187	$ 4,713	$ 4,585
NEM Avoided Capacity	$ 533	$ 534	$ 516	$ 516	$ 474	$ 474	$ 474	$ 474
NEM Meter Costs	$ 11,570	$ 11,580	$ 11,580	$ 11,580	$ 12,406	$ 12,406	$ 12,406	$ 12,406
General and Administrative Expenses	$ 9,452	$ (9,744)	$ 4,392	$ 3,261	$ 7,401	$ 7,401	$ 7,401	$ 7,401
Interest on under-collection due to cap	$ 53	$ 43	$ 57	$ 34	$ 27	$ 31	$ 31	$ 37
Total Incremental Costs	$ 281,768	$ 274,626	$ 290,882	$ 289,667	$ 291,511	$ 293,216	$ 293,990	$ 293,403
Amounts Billed to Retail Customers	$ 252,507	$ 287,434	$ 264,283	$ 291,519	$ 297,824	$ 285,263	$ 285,153	$ 286,871
Current Month (Over)/Under Recovery	$ 29,261	$ (12,808)	$ 26,599	$ (1,852)	$ (6,313)	$ 7,953	$ 8,837	$ 6,532
Cumulative (Over)/Under Recovery-Prior Month	$ 421,153	$ 450,414	$ 437,606	$ 464,205	$ 422,464	$ 416,151	$ 424,104	$ 432,941
Company Accounting Adjustments (D)	$ -	$ -	$ -	$ (39,889)	$ -	$ -	$ -	$ -
ORS Accounting Adjustments	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Cumulative (Over)/Under Recovery	$ 450,414	$ 437,606	$ 464,205	$ 422,464	$ 416,151	$ 424,104	$ 432,941	$ 439,473

* Net Energy Metering

Office of Regulatory Staff
Details of the Computation of the (Over)/Under-Recovery of Distributed Energy Resource Program Avoided Costs
Duke Energy Progress, LLC
March 2021 - June 2022
Docket No. 2022-1-E

	Actual															
	March 2021		April 2021		May 2021		June 2021		July 2021		August 2021		September 2021		October 2021	
Purchase Power Agreements	$	53,039	$	120,444	$	183,804	$	160,616	$	88,630	$	128,215	$	81,254	$	78,371
Shared Solar Program	$	4,840	$	10,143	$	11,905	$	12,473	$	8,612	$	11,848	$	8,520	$	9,363
Total Avoided Costs	$	57,879	$	130,587	$	195,709	$	173,089	$	97,242	$	140,063	$	89,774	$	87,734
S.C. Retail kWh Sales		495,854,642		461,837,497		425,754,794		497,529,476		554,232,328		621,597,614		531,935,758		469,037,784
Total System kWh Sales Excluding Off-System Sales		4,799,386,806		4,368,547,537		4,282,897,186		5,026,764,210		5,996,563,815		6,124,876,145		5,647,527,373		4,572,964,372
S.C. Allocation Factor		10.33%		10.59%		9.94%		9.90%		9.24%		10.15%		9.42%		10.26%
S.C. Share of Avoided Costs	$	5,980	$	13,831	$	19,459	$	17,132	$	8,988	$	14,215	$	8,456	$	8,999
Amount Billed to Retail Customers	$	17,318	$	15,370	$	14,870	$	15,973	$	15,375	$	13,906	$	13,453	$	11,237
Current Month (Over)/Under-Recovery Amount	$	(11,338)	$	(1,539)	$	4,589	$	1,159	$	(6,387)	$	309	$	(4,997)	$	(2,238)
Cumulative (Over)/Under-Recovery - Prior Month	$	(19,309)	$	(30,647)	$	(32,186)	$	(27,597)	$	(26,467)	$	(32,854)	$	(32,545)	$	(37,542)
Company Accounting Adjustments (E)	$	-	$	-	$	-	$	(29)	$	-	$	-	$	-	$	-
ORS Accounting Adjustments	$	-	$	-	$	-	$	-	$	-	$	-	$	-	$	-
Cumulative (Over)/Under-Recovery	$	(30,647)	$	(32,186)	$	(27,597)	$	(26,467)	$	(32,854)	$	(32,545)	$	(37,542)	$	(39,780)

	Actual								Estimated							
	November 2021		December 2021		January 2022		February 2022		March 2022		April 2022		May 2022		June 2022	
Purchase Power Agreements	$	78,982	$	76,054	$	49,430	$	88,724	$	104,824	$	119,349	$	152,396	$	125,754
Shared Solar Program	$	5,564	$	5,697	$	2,628	$	6,097	$	8,622	$	9,817	$	10,482	$	10,343
Total Avoided Costs	$	84,546	$	81,751	$	52,058	$	94,821	$	113,446	$	129,166	$	162,878	$	136,097
S.C. Retail kWh Sales		268,622,711		411,243,624		471,119,341		665,160,529		494,578,926		480,916,724		453,767,614		504,837,574
Total System kWh Sales Excluding Off-System Sales		3,404,937,874		4,523,690,821		5,647,761,932		6,054,697,632		4,866,232,092		4,507,732,092		4,440,343,373		5,234,481,364
S.C. Allocation Factor		7.89%		9.09%		8.34%		10.99%		10.16%		10.67%		10.22%		9.64%
S.C. Share of Avoided Costs	$	6,670	$	7,432	$	4,343	$	10,417	$	11,530	$	13,780	$	16,645	$	13,126
Amount Billed to Retail Customers	$	7,485	$	11,408	$	12,877	$	16,476	$	12,647	$	12,194	$	11,711	$	13,232
Current Month (Over)/Under-Recovery Amount	$	(815)	$	(3,976)	$	(8,534)	$	(6,059)	$	(1,117)	$	1,586	$	4,934	$	(106)
Cumulative (Over)/Under-Recovery - Prior Month	$	(39,780)	$	(40,595)	$	(44,571)	$	(53,105)	$	(59,164)	$	(60,281)	$	(58,695)	$	(53,761)
Company Accounting Adjustments	$	-	$	-	$	-	$	-	$	-	$	-	$	-	$	-
ORS Accounting Adjustments	$	-	$	-	$	-	$	-	$	-	$	-	$	-	$	-
Cumulative (Over)/Under-Recovery	$	(40,595)	$	(44,571)	$	(53,105)	$	(59,164)	$	(60,281)	$	(58,695)	$	(53,761)	$	(53,867)